

ABSTRACT

The method of the production of a nanoparticle of the present invention includes a step of forming a nanoparticle including a compound of a metal ion in a cavity part of a protein, in a solution containing the protein having the cavity part therein, the metal ion, and a carbonate ion and/or a hydrogen carbonate ion. Examples of the aforementioned compound include e.g., a hydroxide. The aforementioned metal ion is preferably any one of a nickel ion (Ni^{2+}), a chromium ion (Cr^{2+}) or a copper ion (Cu^{2+}). According to the aforementioned method, nanoparticles having a uniform particle diameter can be produced.